180MT

- ***All-in-one Computer Monitor/TV***
  Philips introduces on ideol solution for users who wont television occess while working ot their PC. With integroted TV functionolity, this new 18-inch LCD Monitor/TV lets users wotch the lotest TV progromming while olso enjoying continuous occess to o high-performonce SXGA computer monitor disploy.

- ***Multiple Video Disploys***
  With S-video connectors, the 180MT con be connected to o DVD ployer or VCR for viewing movies ond other recordings.

- ***Potented Directionol Correlotionol Deinterlocing (DCDi™)***
  DCDi™ improves resolution on moving imoges. Even untroined eyes will notice the how fost oction imoges oppeor shorp ond free from defects.

- ***Picture-in-Picture (PIP)***
  Users con follow their fovorite television programming while working on their PC ot the some time. A resizeoble PIP feature ollows users to wotch TV in o seporote window without closing their PC opplicotions.

- ***Built-in Multimedio Speokers***
  Enjoy the full impoct of video viewing with the dynomic front firing stereo speokers.

- ***Super-high Brightness/Controst ond Fost Response Time***
  Consistently disploys grophic imoges with full color ond dromotic impoct.

- ***Philips First Choice Program***
  One-coll support includes o comprehensive 3-yeor worronty with o 1-yeor 48-hour odvonce swop guorontee.

PIP
PICTURE-IN-PICTURE

FIRST CHOICE

Philips LCD Business Series Monitors

Let's make things better.

PHILIPS

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Product Number 180MT13P
Technical Specifications

LCD Panel

• Panel	TFT LCD
• Screen Size	18.1 inch
• Pixel Pitch	0.2805 x 0.2805 mm
• Display Format	1280 x 1024 pixels, RGB Vertical Stripe, Anti-glare Polarizer, Hard Coated
• Display Area	359.0 x 287.0 mm
• Display Colors	8 bits interface (16.7M colors)

Scanning

• Vertical Refresh Rate	56 - 75 Hz
• Horizontal Frequency	30 - 80 kHz

Video

• Video Dot Rate (Max.)	135 MHz
• Input Impedance	
-Video	75Ω
-Sync	2KΩ
• Input Signal Levels	0.7 Vp-p
• Sync Input Signal	Separate Sync
	Composite Sync
• Sync Polarities	Positive and Negative

Optical Characteristics

• Contrast Ratio	300 : 1 (typ.)		
• Brightness	300 cd/m² (typ.)		
• Peak Contrast Angle	6 o'clock		
• White Chromaticity (PC)	x: 0.281	y: 0.311 (at 9300°K)	
	x: 0.312	y: 0.338 (at 6500°K)	
• Viewing Angle (C/R ≥10)	V=170°	Upper	≥ 85°(typ.)
		Lower	≥ 85°(typ.)
	H=170°	Left	≥ 85°(typ.)
		Right	≥ 85°(typ.)
• Response Time	≤30 ms (typ.)		

Resolution & Preset Modes

- Max. Resolution 1280 x 1024 at 75Hz
- Recom. Resolution 1280 x 1024 at 60Hz
- 17 User Definable Modes
- 17 Factory Preset Modes:

Resolution	H.freq	V.freq	Resolution	H.freq	V.freq
640 x 350	31.5(kHz)	70.1(Hz)	800 x 600	46.9	75.0
720 x 400	31.5	70.1	832 x 624	49.7	75.0
640 x 480	31.5	59.9	1024 x 768	48.4	60.0
640 x 480	35.0	67.0	1024 x 768	56.5	70.0
640 x 480	37.8	72.8	1024 x 768	60.1	75.0
640 x 480	37.5	75.0	1152x870	68.7	75.0
800 x 600	35.2	56.3	1280x1024	64.0	60.0
800 x 600	37.9	60.3	1280x1024	80.0	75.0
800 x 600	48.0	72.0	(Interlace mode is not supported)		

Plug and Play Compatibility

- Display data channel DDC 2B (VESA)
- Microsoft® Windows® 95/98/ Me & 2000/NT/XP Compatible

Power Management

Complies with EPA Energy Star specifications

• Operation	68W (typical)
• Sleep Mode	≤ 2W (typical)
• Power button LED indicator	
-Operation	Steady Green
-Stand By/Sleep Mode	Flashing Green

Low-Emission Characteristics

- Complies with MPR-II and TCO '95 specifications

Monitor Controls and Functions

• Front	Power on/off	-Tact Switch
	PC,TV/Video	-Tact Switch
	Source	-Tact Switch
	PIP	-Tact Switch
	Menu(OK)	-Tact Switch
	Auto	-Tact Switch
	Up/Down (Channel)	-Tact Switch
	+/- (Volume)	-Tact Switch
• LED Indicator	Steady Green	-Power On
	Flashing Green	-Stand By/ Sleep Mode

Connections

BACK

- D-Sub In (for PC)
- TV In (antenna/cable)
- S-Video In
- AV Audio L/R In
- PC Audio In
- 12Volt DC In

SIDE

- Headphone Jack 3.5 mm Out
- Stereo Line Out Jack for External Speaker

Regulatory Approvals

- TÜV/GS, TÜV-Ergo
- FCC-B, UL, CSA
- SEMKO
- MPR-II Low Emission
- CE Mark
- Energy Star
- TCO '95

Picture

- Picture in Picture
- Incredible Picture: Green Enhancement; Histogram; Colour Transient Improvement; Blue Stretch; Skin Tone Correction
- Dynamic Noise Reduction (DNR)
- Smart Picture Setting (Soft, Natural, Rich, Personal)

Sound

- Sound Power: 2x2.5W RMS, 200Hz-10kHz, 4Ω, 10% THD
- Smart Sound Setting (Theatre, Music, Voice, Normal)
- Incredible Surround
- Auto Volume Leveler

Ease of Use Installation

- Remote Control
- Autostore
- Sleep Timer

Reception

- TV System
- Stereo System
- Video Playback
- 100 Page Teletext

Physical Specifications

• UPC Code	180MT13P	0 37849 92642 0
• Unit Dimensions (WxHxD)		17.8" x 17.8" x 7.9"
		452 x 452 x 200 mm (incl base)
• Unit Weight		13.9 lbs/6.3 kg
• Carton Dimensions (WxHxD)		21.5" x 10.1" x 21.9"
		546.1 x 256.6 x 556.3 mm
• Carton Weight		21.0 lbs/9.5 kg
• Tilt/Swivel		-0°~20°
• Power Supply		100 – 240 VAC, 50/60 Hz
• Temperature (operating)		0°C to +35°C/ 32° to 95°F
• Temperature (storage)		-20°C to +60°C/ -4° to 140°F
• Relative Humidity		20% to 80%
• System MTBF		50K hrs

Carton contains: 180MT Monitor, power cord, and user's manual on CD.

INTERNET ADDRESS: http://www.philipsusa.com
TECHNICAL SUPPORT: (877) 835-1838 (USA)
(402) 536-4171 (outside USA)

Specifications subject to change without notice.

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